Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Friday 18 Dec 2020 until 23:59 on Saturday 19 Dec 2020

Forecast Issued on Thursday 17 Dec 2020 at 11:48

Confidence: High for wet and windy conditions on Friday then showery conditions over the weekend. Low confidence from Monday for all details.

Headline for Friday 18 Dec 2020: Wet and windy conditions. Severe gales on the tops.

Mountain weather hazards on Friday 18 Dec 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
Low Likelihood

Gales
High Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light rain	Cloudy	Heavy Rain	Heavy Rain	Heavy Rain	Light rain
Precipitation probability							
70%	70%	50%	40%	80%	>95%	>95%	60%

Forecast for Friday 18 Dec 2020

Weather: Overnight rain will become light and patchy for a time in the morning. Rain turning persistent around late morning and becoming heavy at times. Strong winds and driving rain giving drenching conditions. Rain dying out late evening.

Chance of cloud free mountain/hill tops above 800m: 10-20%. Extensive cloud with bases around 600-800m but bases down to low slopes at first in the morning.

Visibility: Poor at most elevations with low cloud and heavy rain reducing visibility to a few km or less.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 18 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	42/53 S	35/45 S	37/48 S	41/54 S	41/55 S	44/58 S	46/63 S	37/52 S	28/42 S
600	32/45 S	30/43 S	32/46 S	34/48 S	32/48 S	34/50 S	38/57 S	30/47 S	24/39 S
300	10/32 S	11/30 S	11/32 S	15/39 S	14/39 S	16/42 S	18/47 S	14/38 S	12/33 S
Valley	12/30 S	12/27 S	13/30 S	16/35 S	14/33 S	18/40 S	20/43 S	17/35 S	15/29 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	5/-2	6/-0	6/0	6/-1	5/-1	6/-0	6/-1	4/-2	4/-2
600	6/1	7/2	8/2	7/2	7/2	8/2	8/2	6/1	6/1
300	8/5	8/5	9/6	9/6	9/6	10/6	10/6	8/5	8/5
Valley	10/8	10/8	10/8	11/8	11/8	12/8	12/8	10/7	10/7
Freezing Level*	2100m	2100m	2000m	1900m	2100m	2200m	2000m	1600m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 60-70mph will make mobility very difficult on exposed ridges and summits.

Forecast for Saturday 19 Dec 2020

Weather: A mixture of bright or clear intervals and frequent showers, some heavy with risk of hail and thunder. The showers falling as sleet or snow above 900m. Very strong and gusty winds on the tops.

Maximum wind: Southwesterly 30-40mph, gusts 60mph.

Chance of cloud free mountain/hill tops above 800m: 50-70%. Frequent cloud above 800m, lowering to around 500m at times in showers.

Visibility: Highly variable and fast-changing. Often poor on the tops in cloud and wintry showers. Good visibility between showers.

Temperature: **Valleys:** 8 or 9C.
At 800m: Plus 2 or 3C.
Freezing level: Above summits at first, falling to 1000m.

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Ground Conditions Supplement

Date: Thursday 17 December. Location: Helvellyn summit at 11:33 A wet morning was followed by improving conditions as the cloud base lifted and sunny spells began to develop in some places in the afternoon. The fells are basically free of snow and ice apart from very small isolated patches on some steep north and east-facing aspects above 850m (generally around corrie rims and the tops of gullies). The ground is still very wet from all of the recent rain and many of the paths are slippery. Damp conditions combined with strong winds continue to generate a wind chill or 'feels like' temperature of around -7°C. Full winter clothing including waterproofs, warm layers as well as hat & gloves, and equipment including mountain boots, map and compass and the ability to use them in poor visibility are all essential for anyone venturing out onto the fells. Temperature: plus 1.6 C, Maximum wind speed 34.5 mph, Wind chill: minus 6.7 C, Average wind speed: 25.9 mph.

Issued at: 1148 on Thu 17 Dec 2020

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